

FIG. 2A

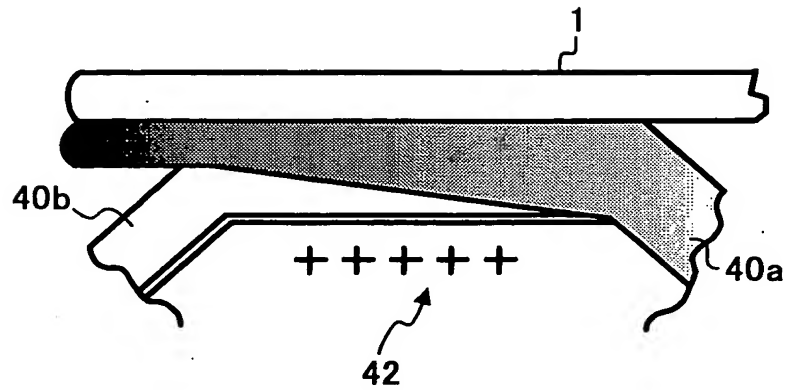


FIG. 2B

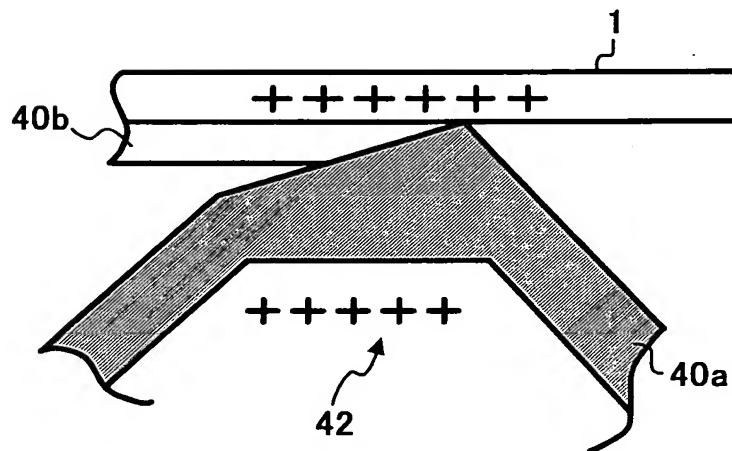
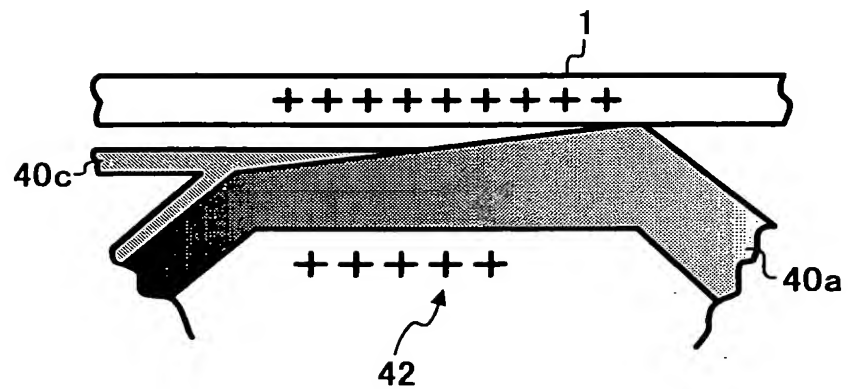


FIG. 2C



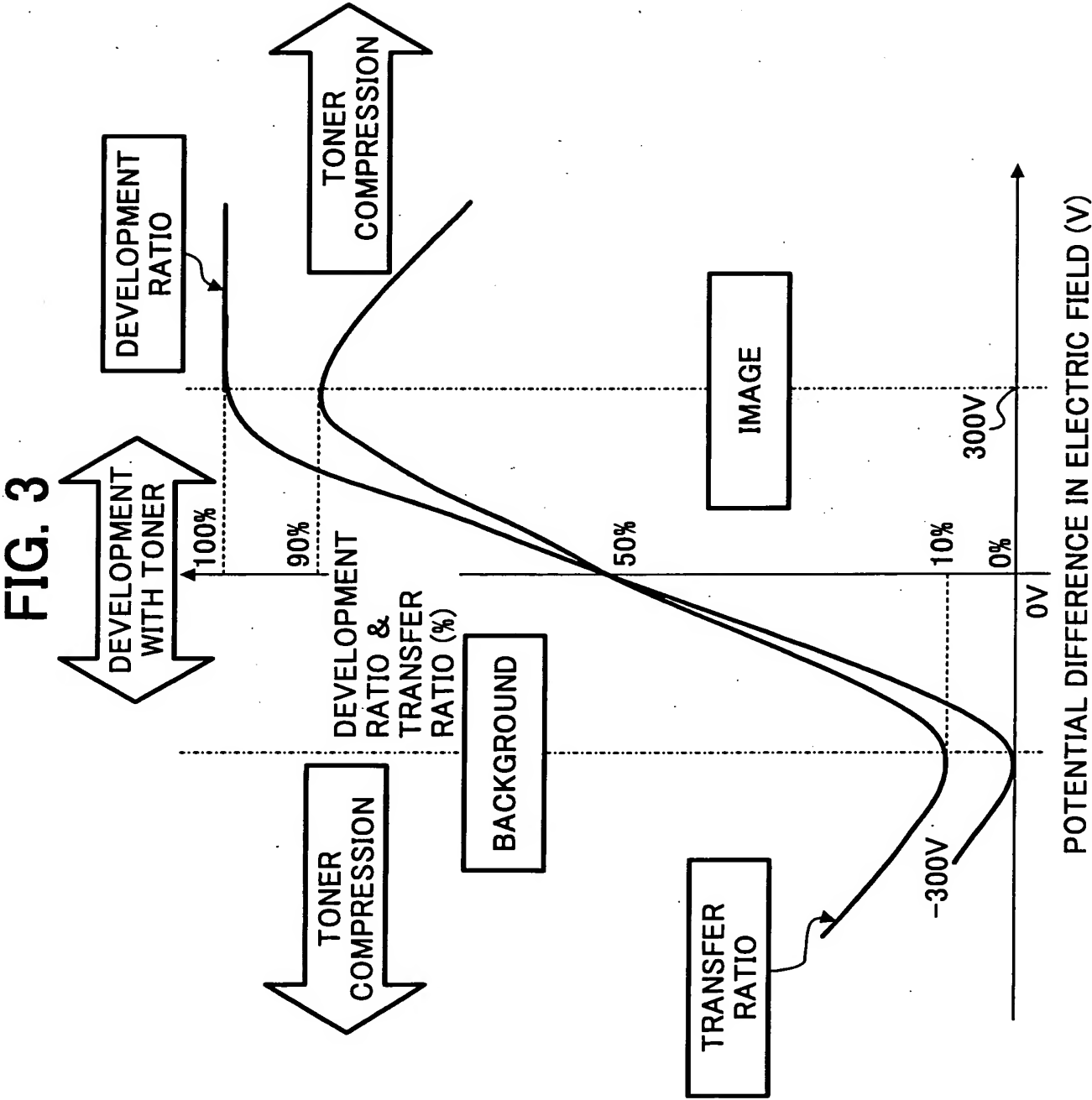


FIG. 4A

FIG. 4B

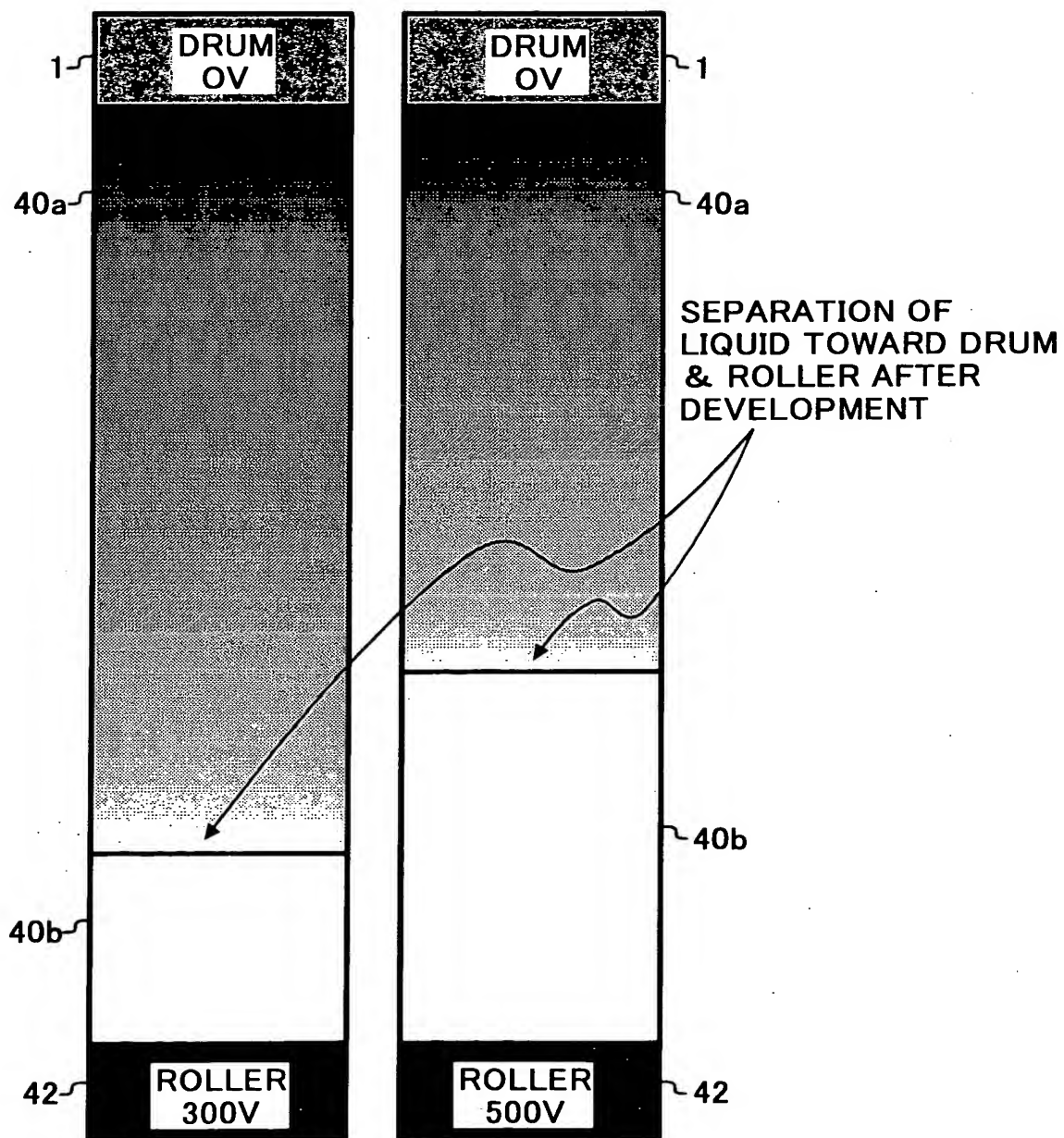


FIG. 5

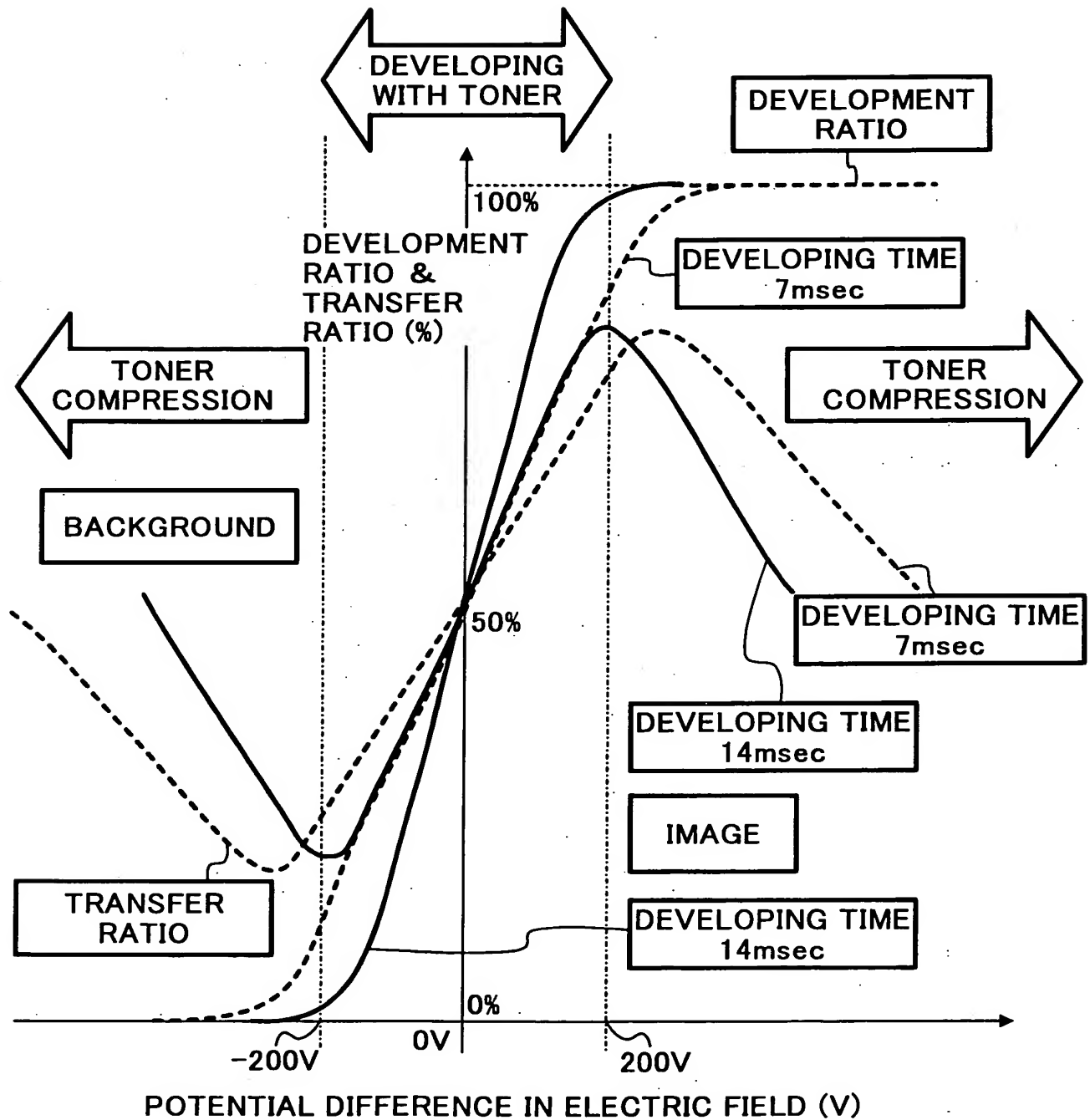
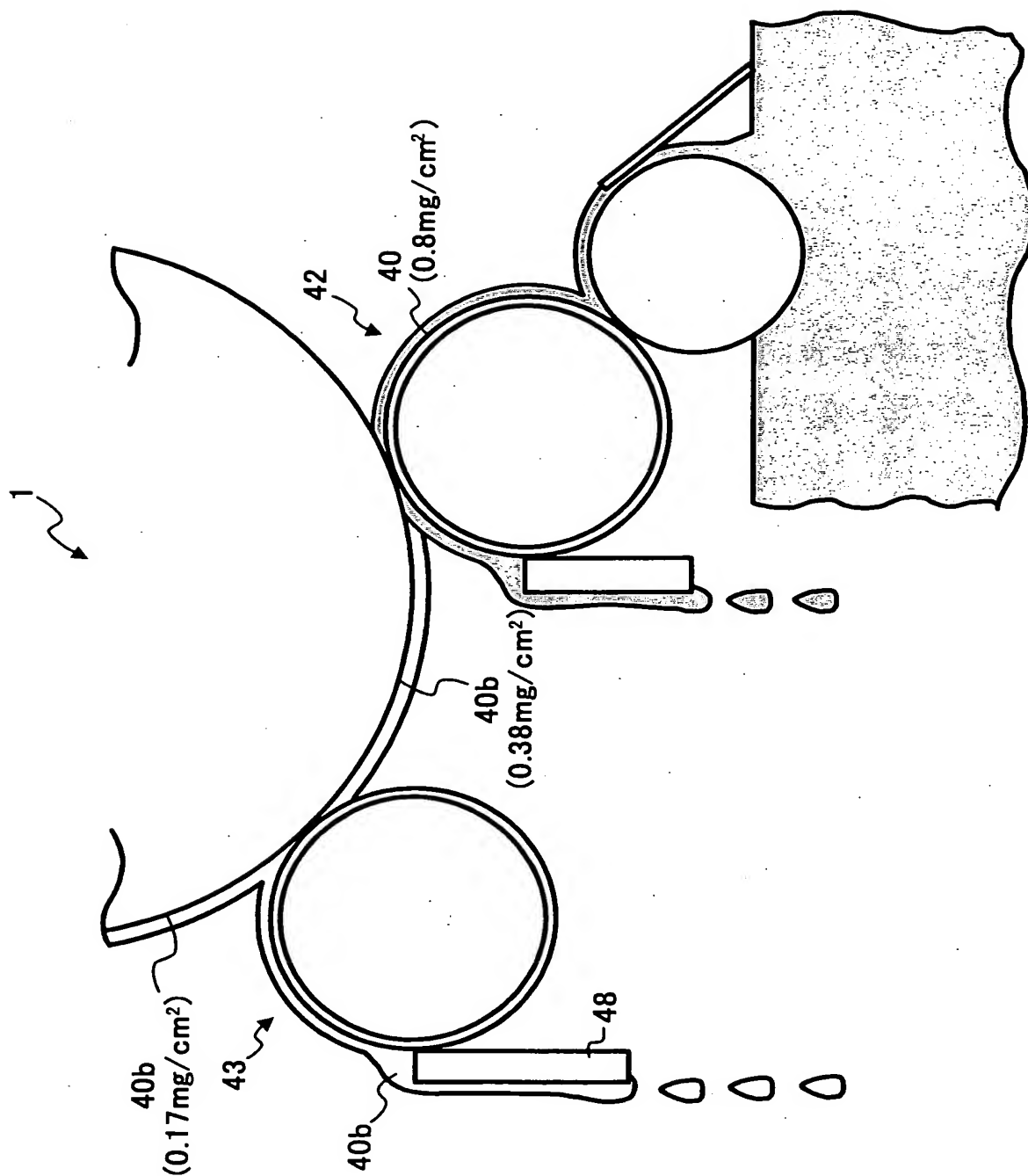


FIG. 6



**FIG. 7**

	SWEEP ROLLER NIP ( 2mm )	
	AFTER SWEEP ROLLER ( mg/cm <sup>2</sup> )	AFTER DEVELOPING ROLLER ( mg/cm <sup>2</sup> )
BACKGROUND	0.17	0.38
IMAGE	0.52	0.68

FIG. 8A

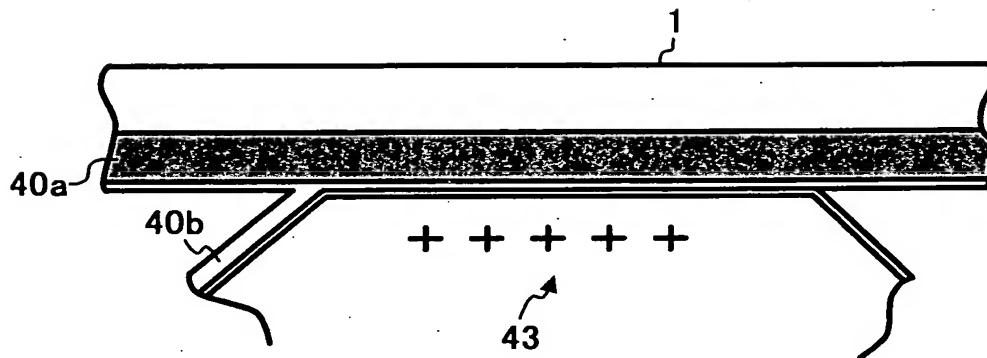


FIG. 8B

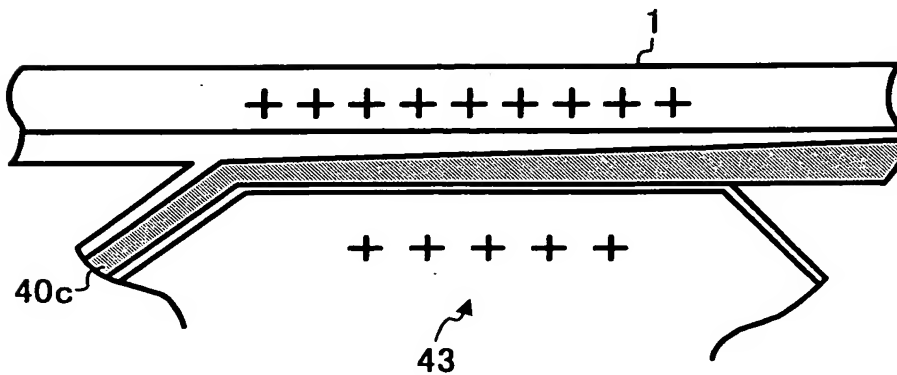




FIG. 9

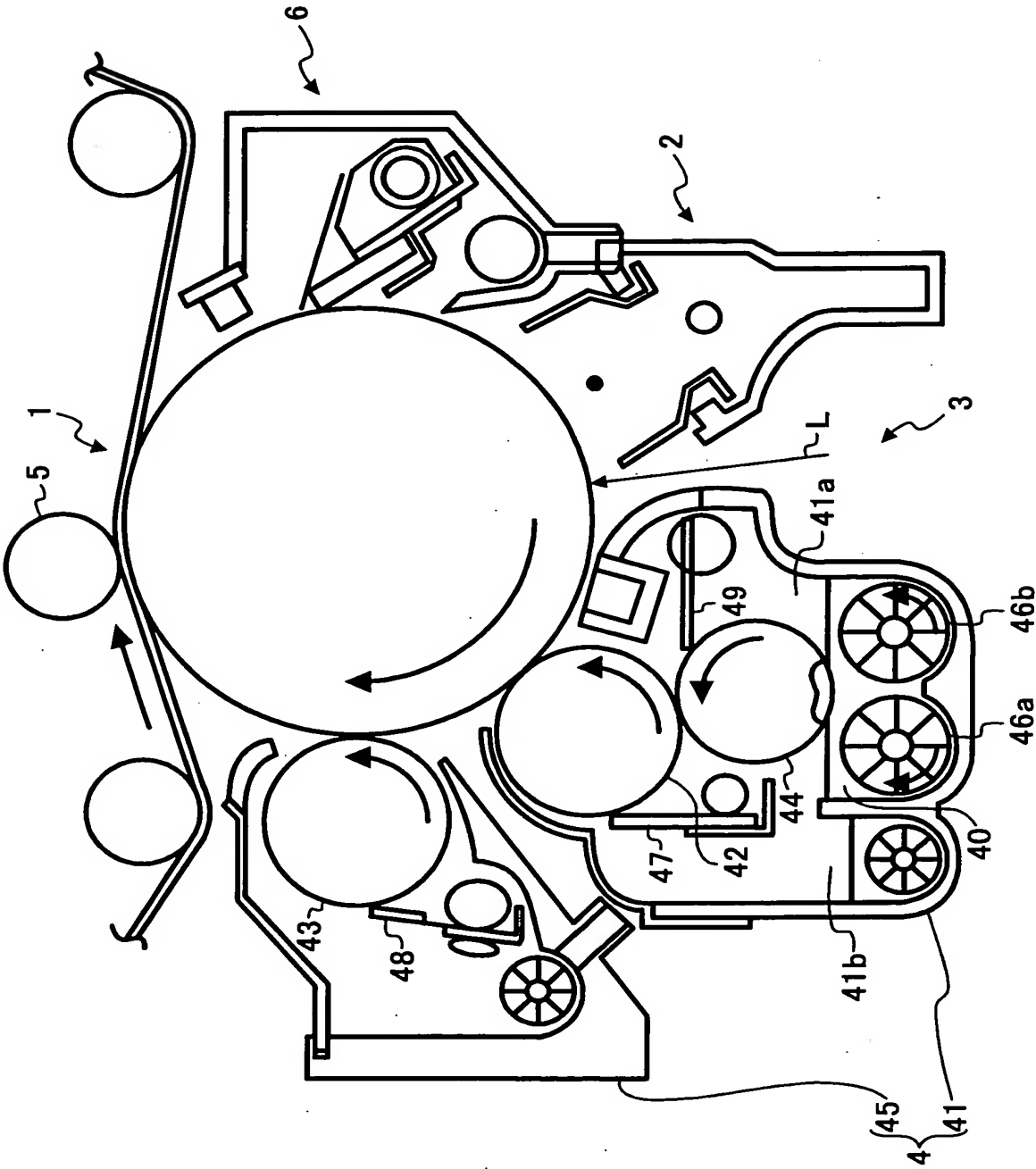


FIG. 10A

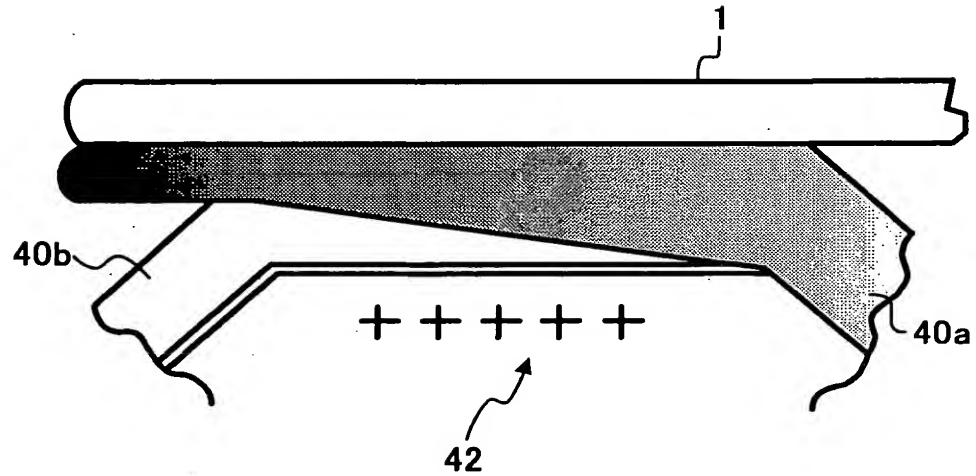
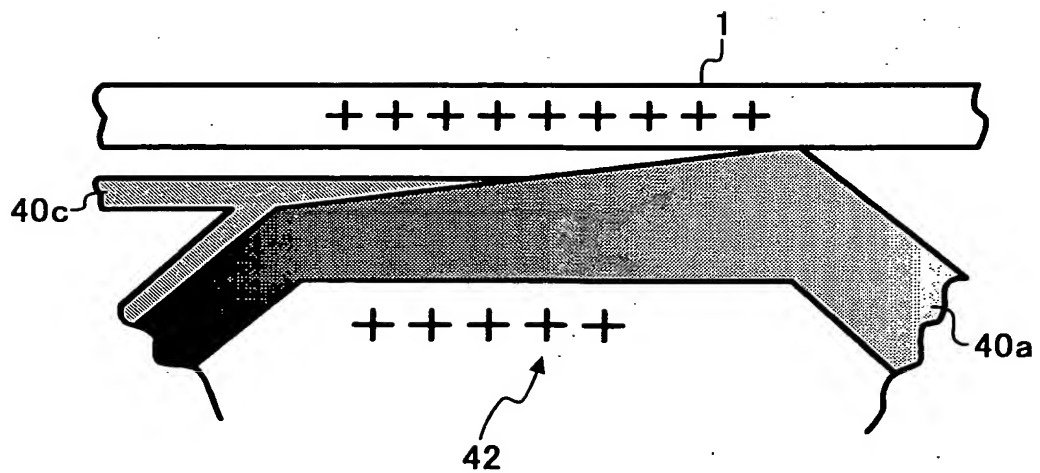


FIG. 10B



**FIG. 11**

DEVELOPMENT RATIO	LUMP GENERATION RANK
50%	5
40%	5
30%	4
20%	4
10%	3
0%	1

FIG. 12A

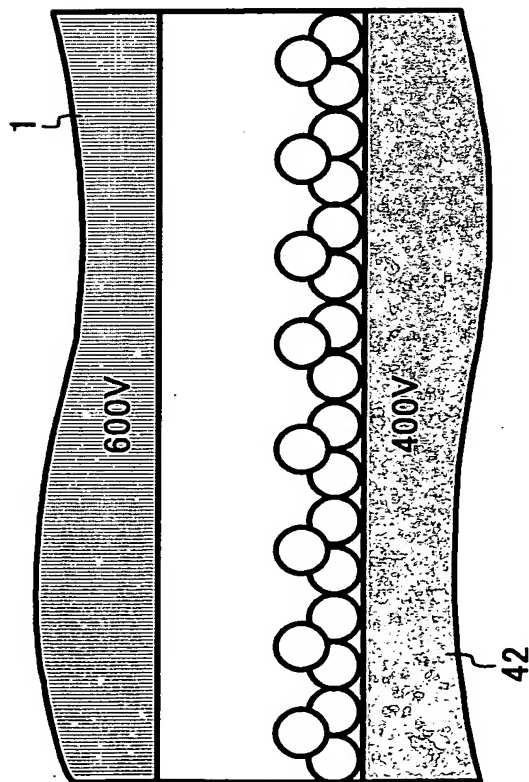


FIG. 12B

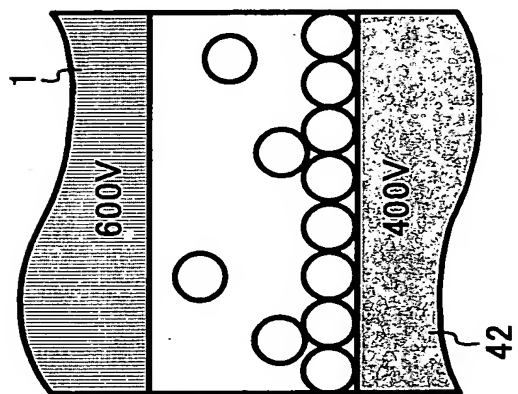


FIG. 12C

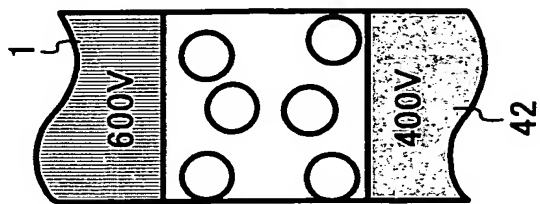


FIG. 13

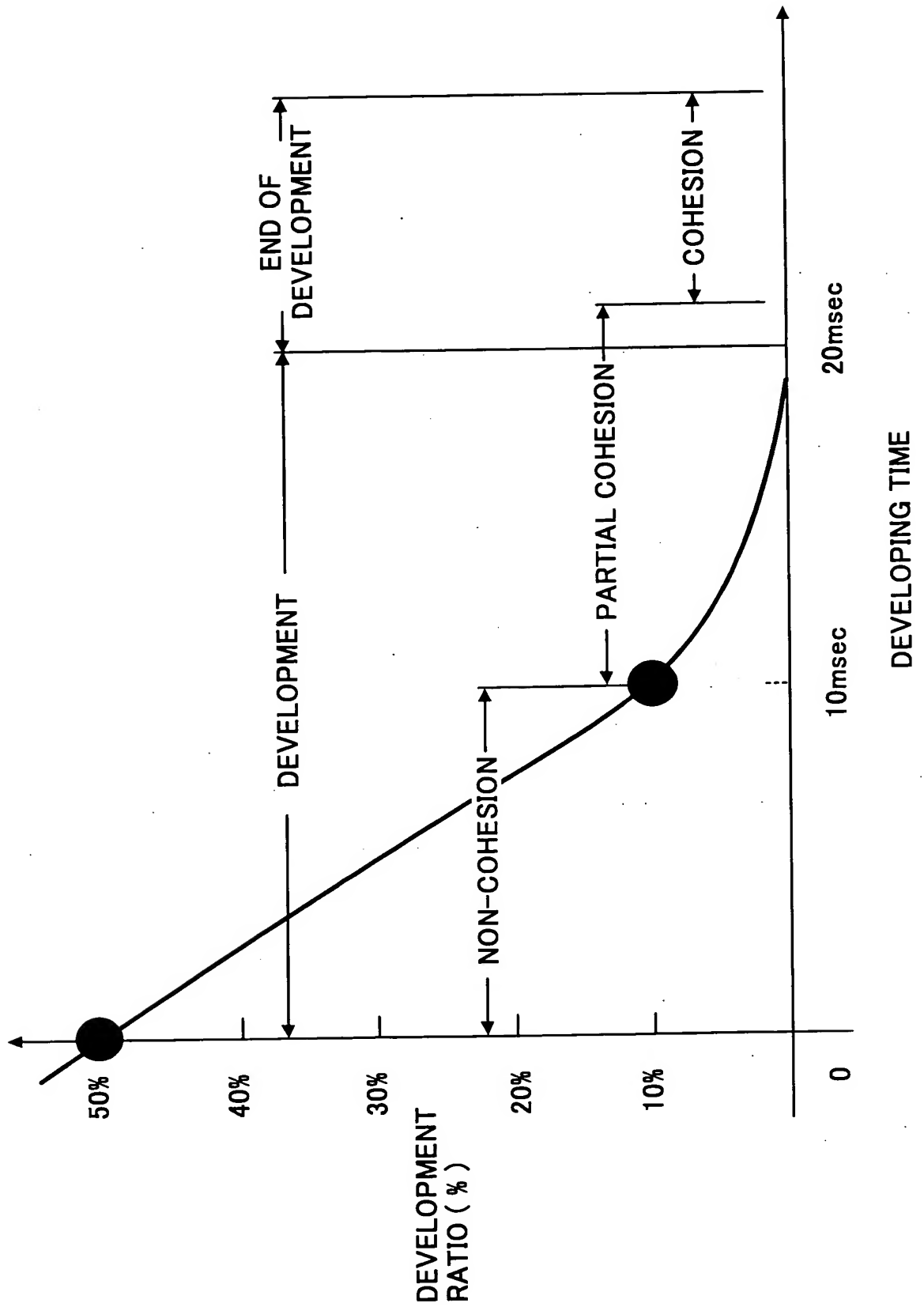
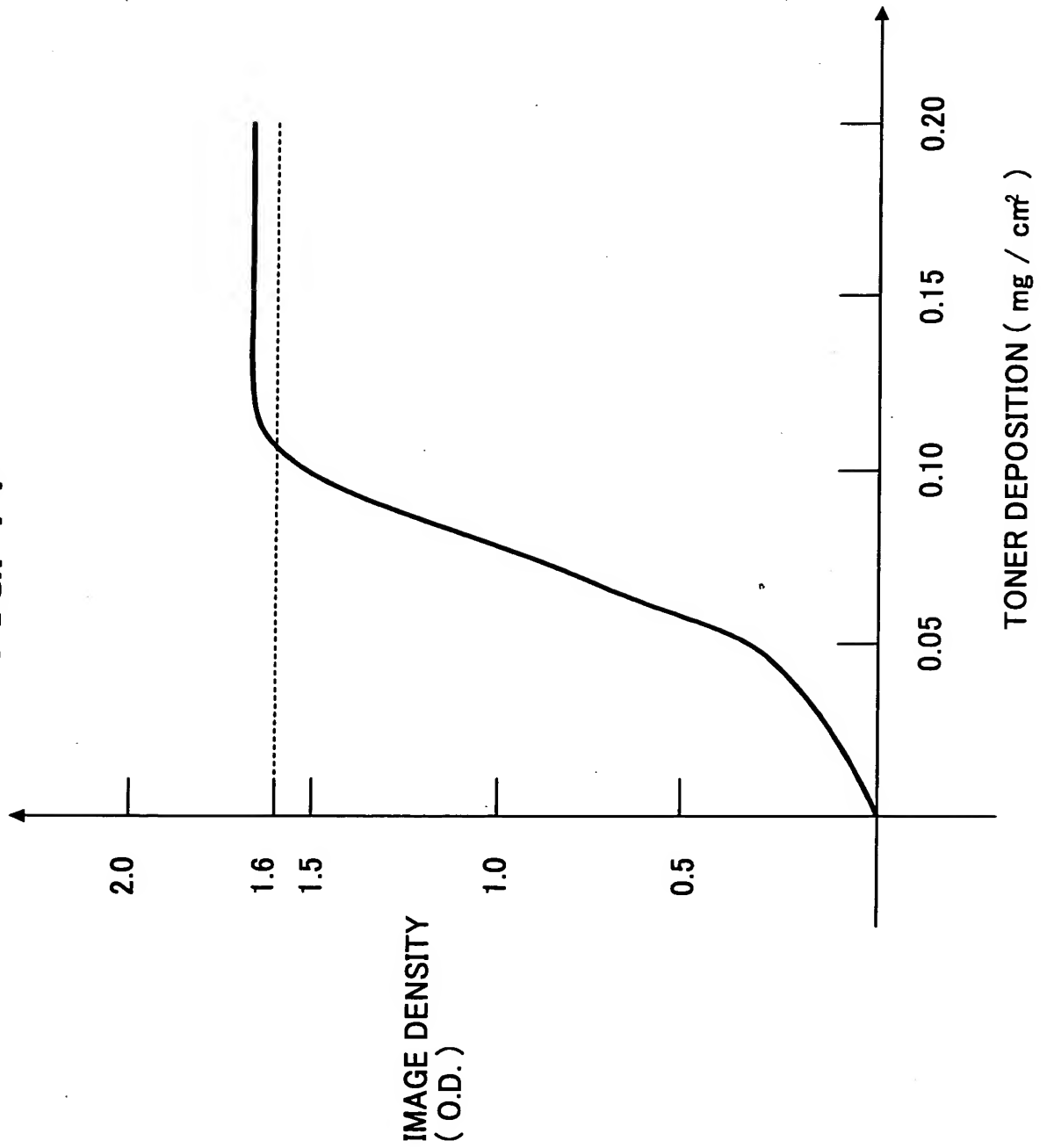


FIG. 14





**FIG. 16**

<b>ELECTRIC FIELD  V/m</b>	<b>LUMP GENERATION RANK  5 : NONE ~ 1 : MANY LUMPS</b>	<b>BACKGROUND DENSITY</b>
<b>0</b>	<b>5</b>	<b>BAD</b>
<b>1.00E + 07</b>	<b>5</b>	<b>STAIN</b>
<b>1.50E + 07</b>	<b>5</b>	<b>STAIN</b>
<b>2.00E + 07</b>	<b>4</b>	<b>STAIN</b>
<b>2.50E + 07</b>	<b>4</b>	<b>STAIN</b>
<b>3.00E + 07</b>	<b>3</b>	<b>STAIN</b>
<b>3.50E + 07</b>	<b>2</b>	<b>CLEAR</b>
<b>4.00E + 07</b>	<b>2</b>	<b>CLEAR</b>
<b>5.00E + 07</b>	<b>1</b>	<b>CLEAR</b>



FIG. 17

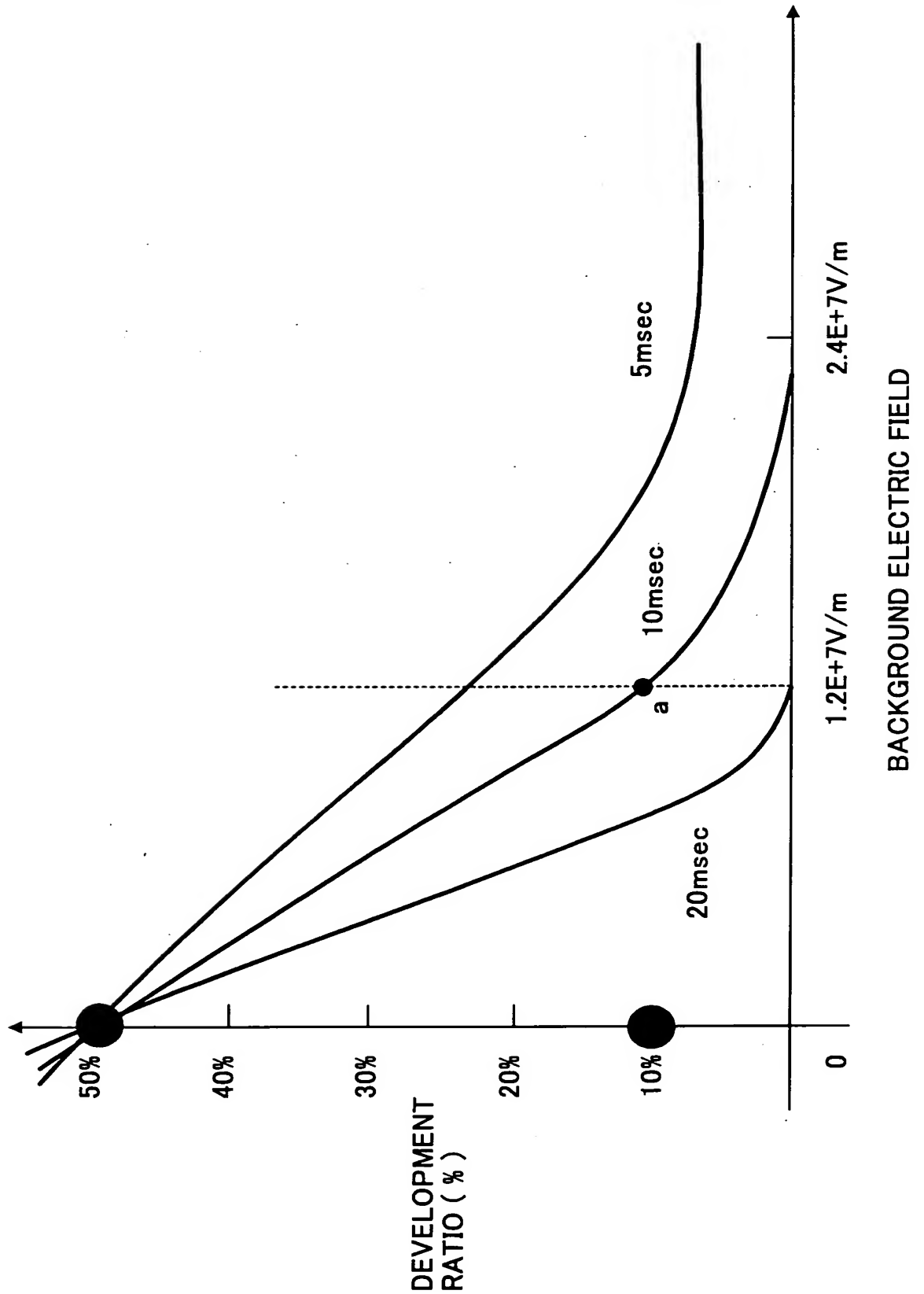


FIG. 18A

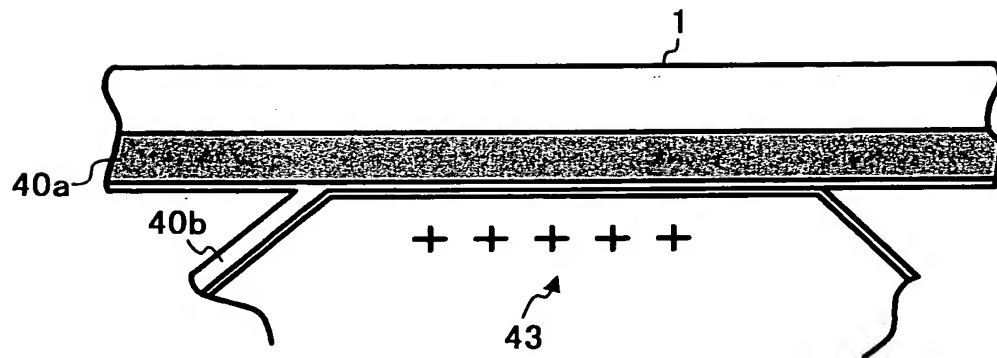


FIG. 18B

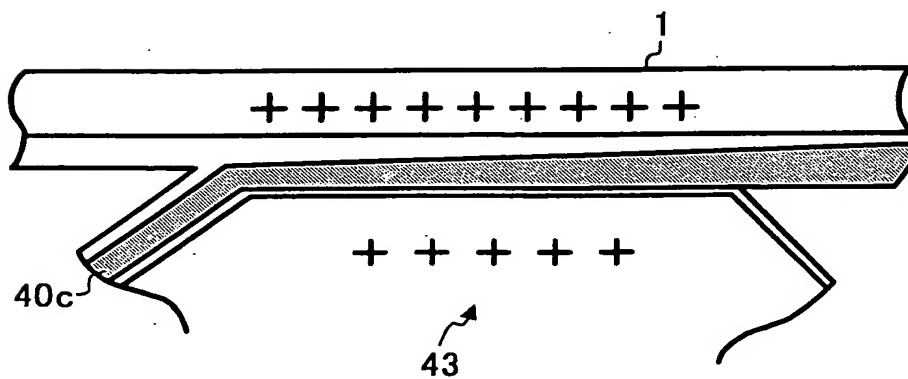
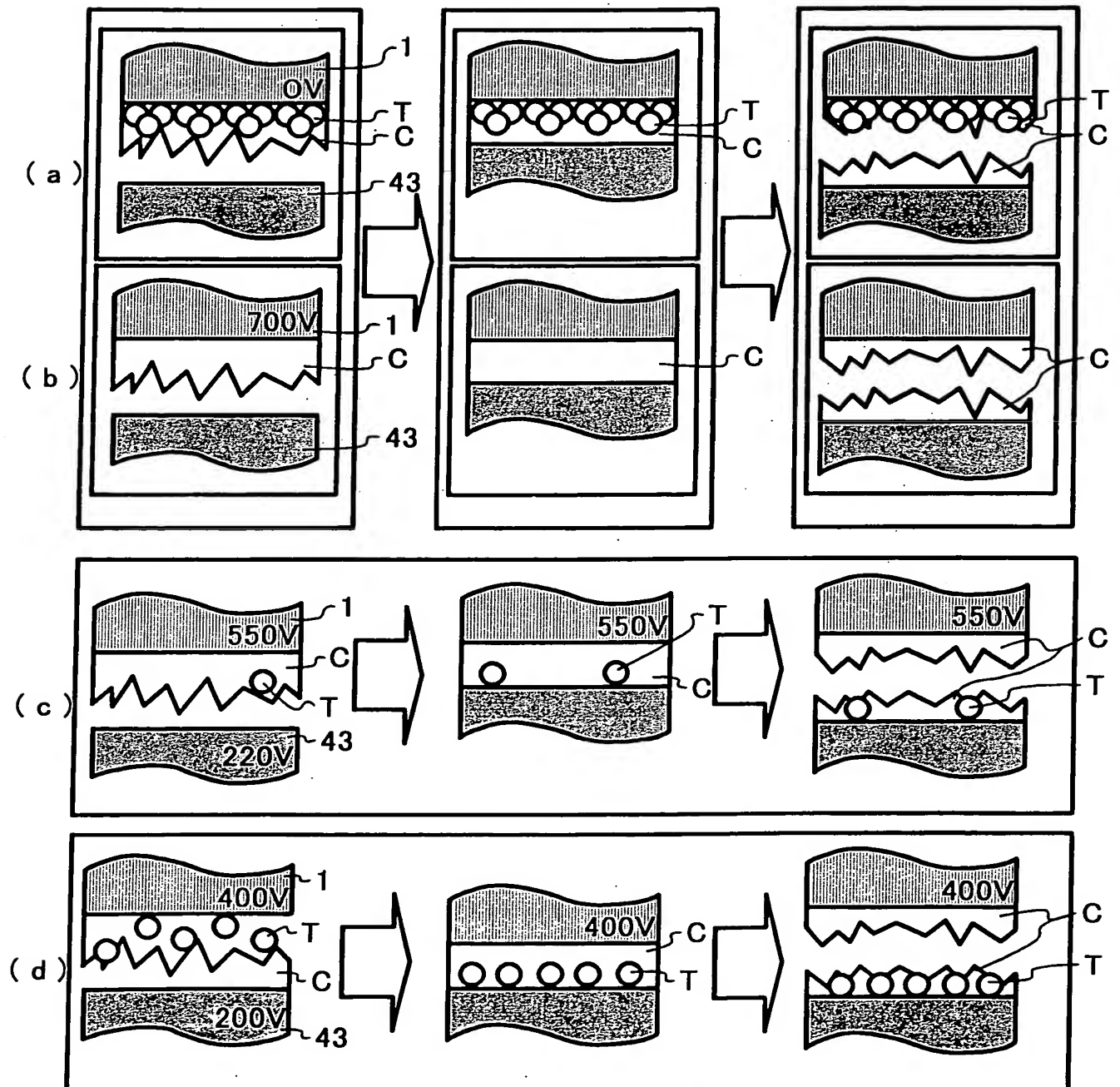


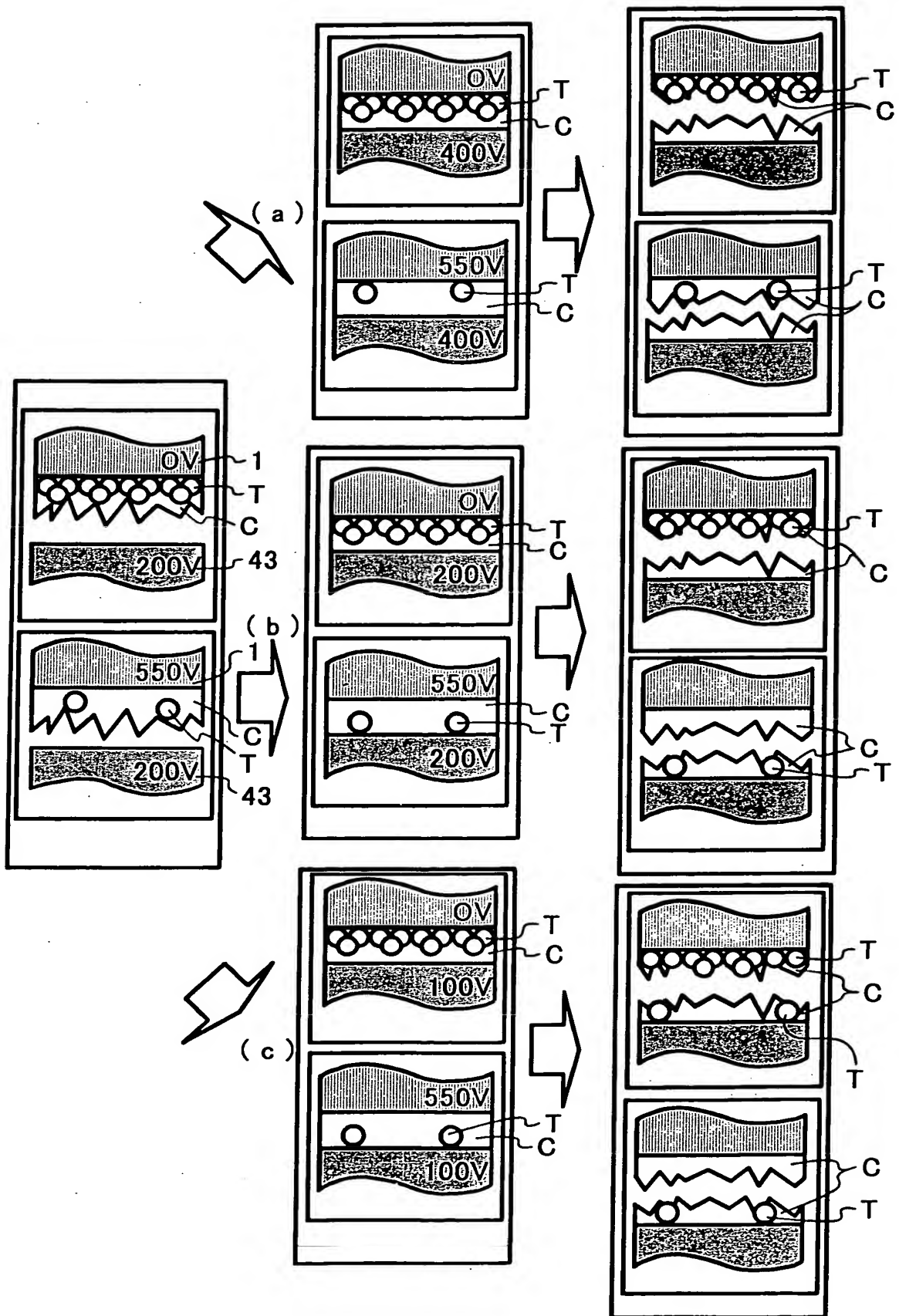
FIG. 19



**FIG. 20**

ELECTRIC FIELD  V/m	LUMP GENERATION RANK  5 : NONE ~ 1 : MANY LUMPS	BACKGROUND DENSITY
0	5	BAD
1.00E + 07	5	STAIN
1.50E + 07	5	STAIN
2.00E + 07	5	CLEAR
2.50E + 07	5	CLEAR
3.00E + 07	5	CLEAR
3.50E + 07	4	CLEAR
4.00E + 07	4	CLEAR
5.00E + 07	3	CLEAR

FIG. 21



**FIG. 22A**

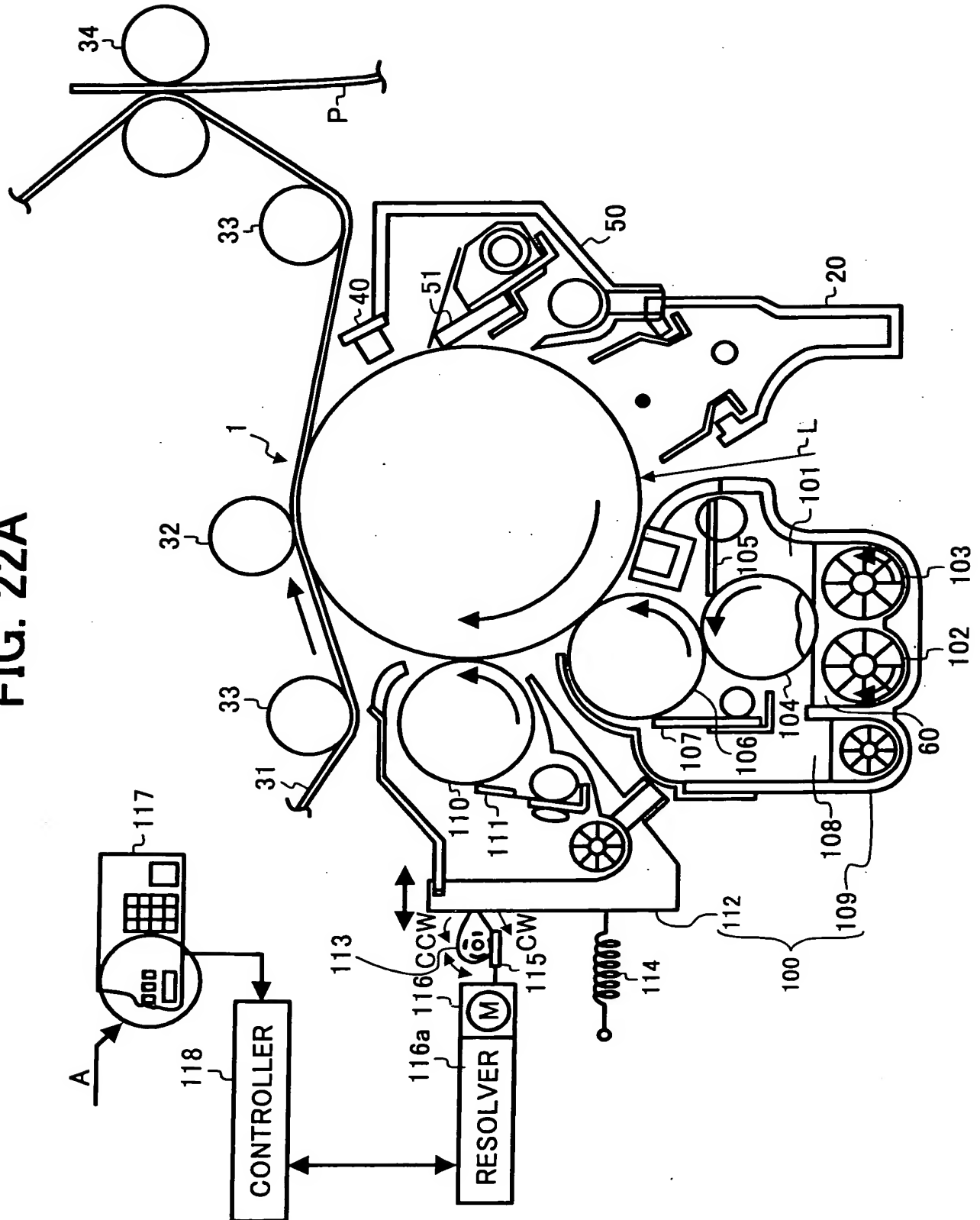


FIG. 22B

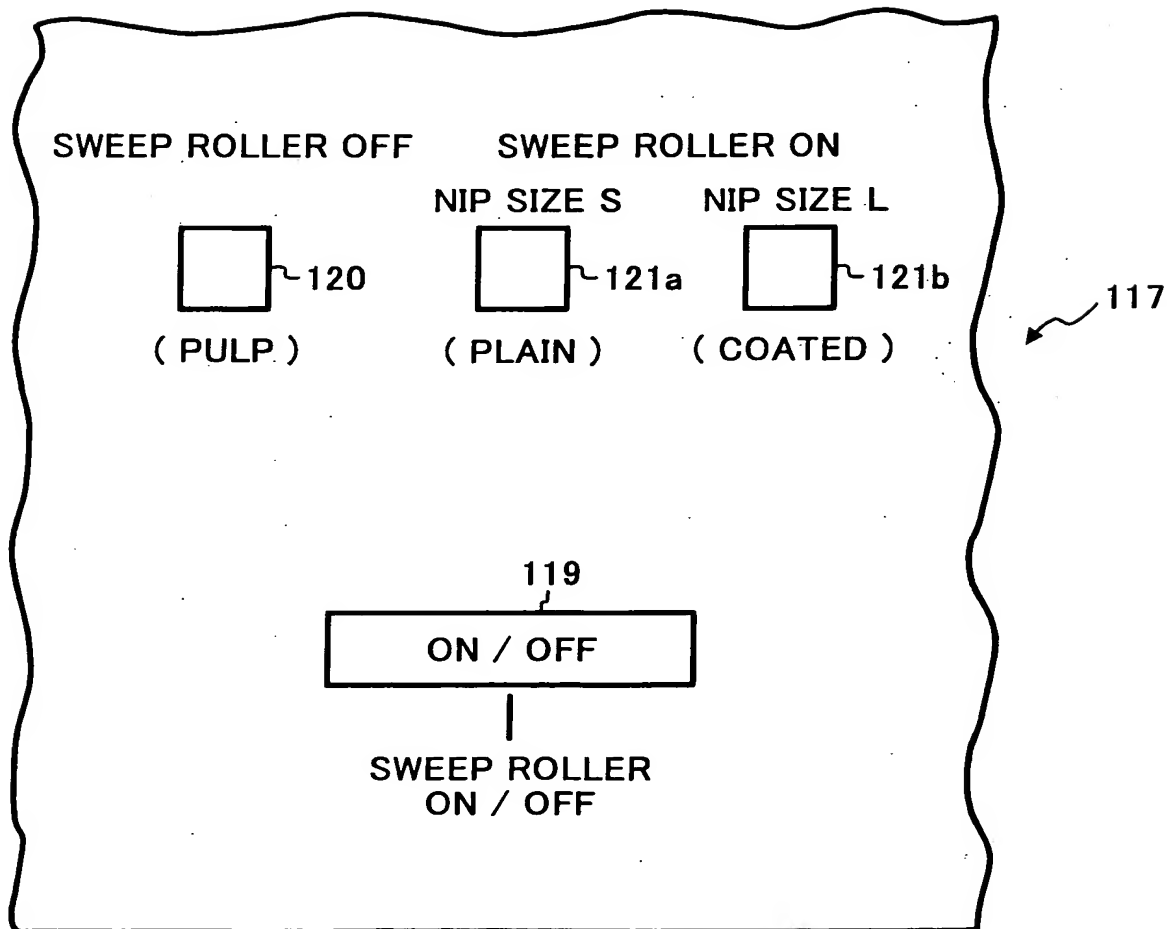


FIG. 23A

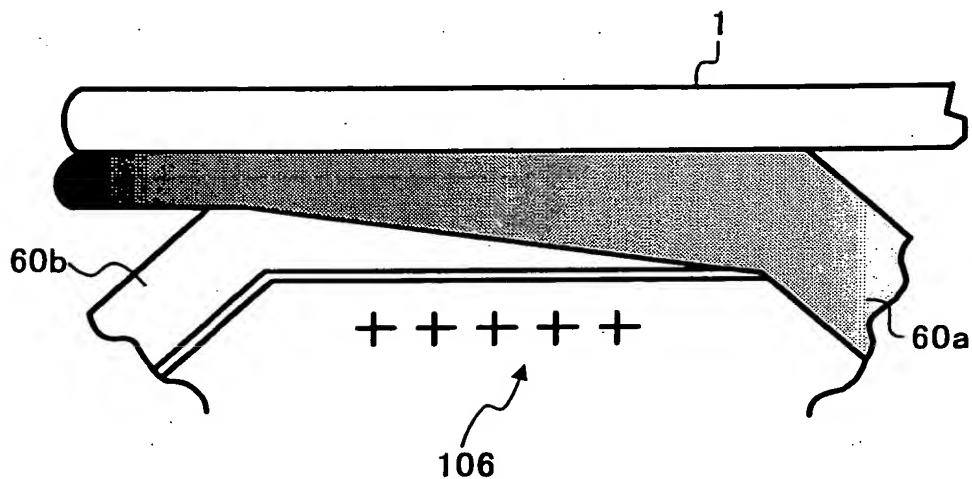


FIG. 23B

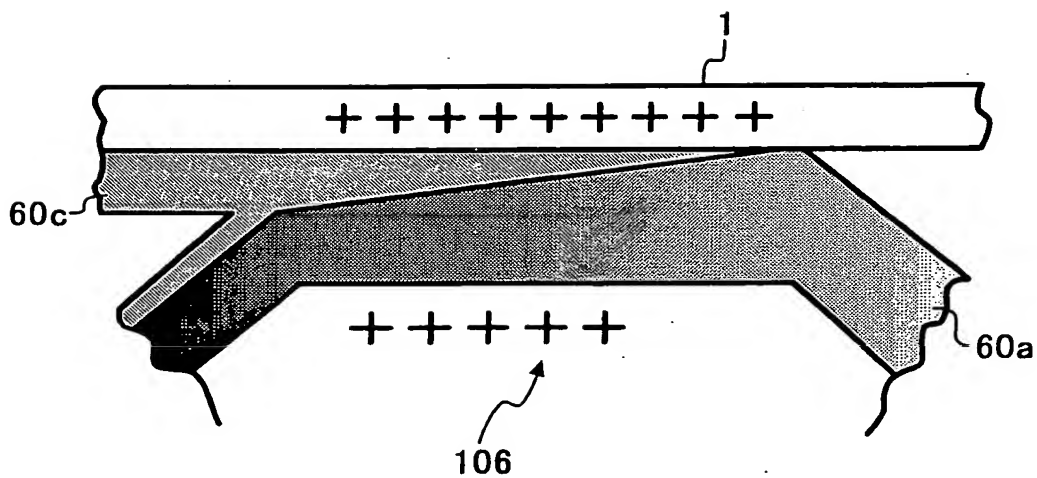




FIG. 24A

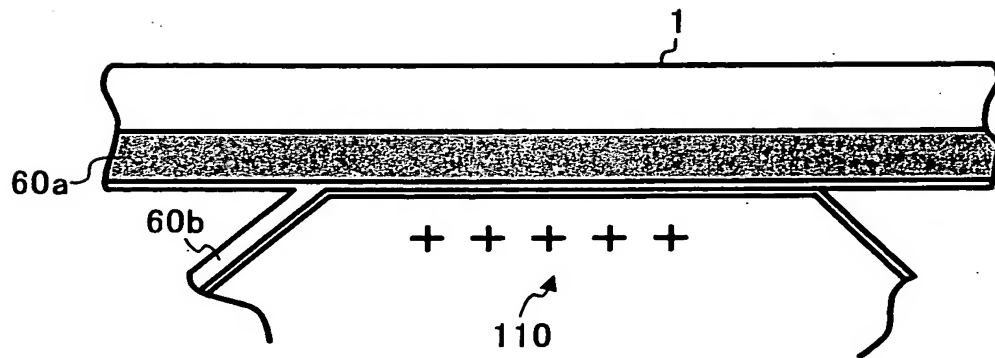


FIG. 24B

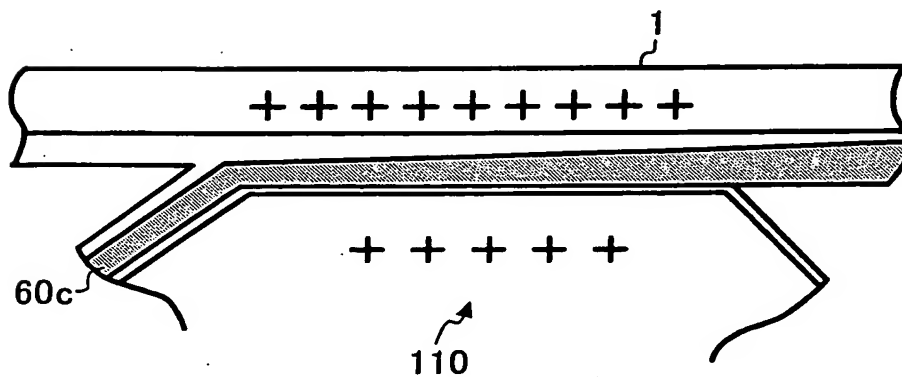


FIG. 25A

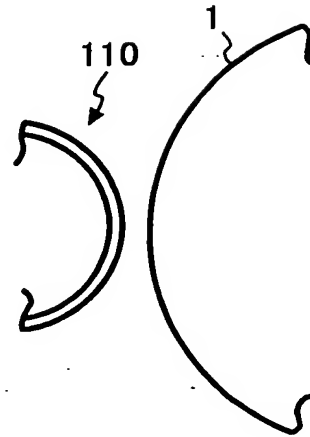


FIG. 25B

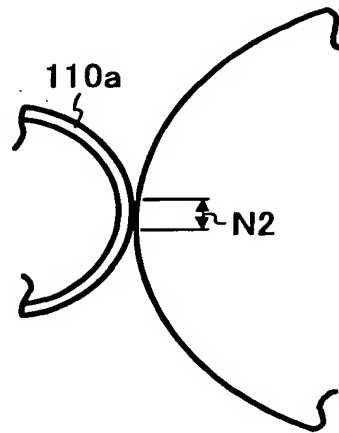


FIG. 25C

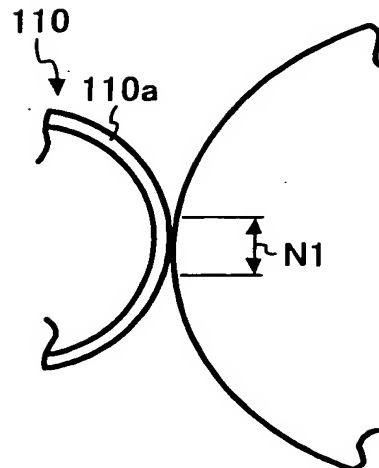


FIG. 26A

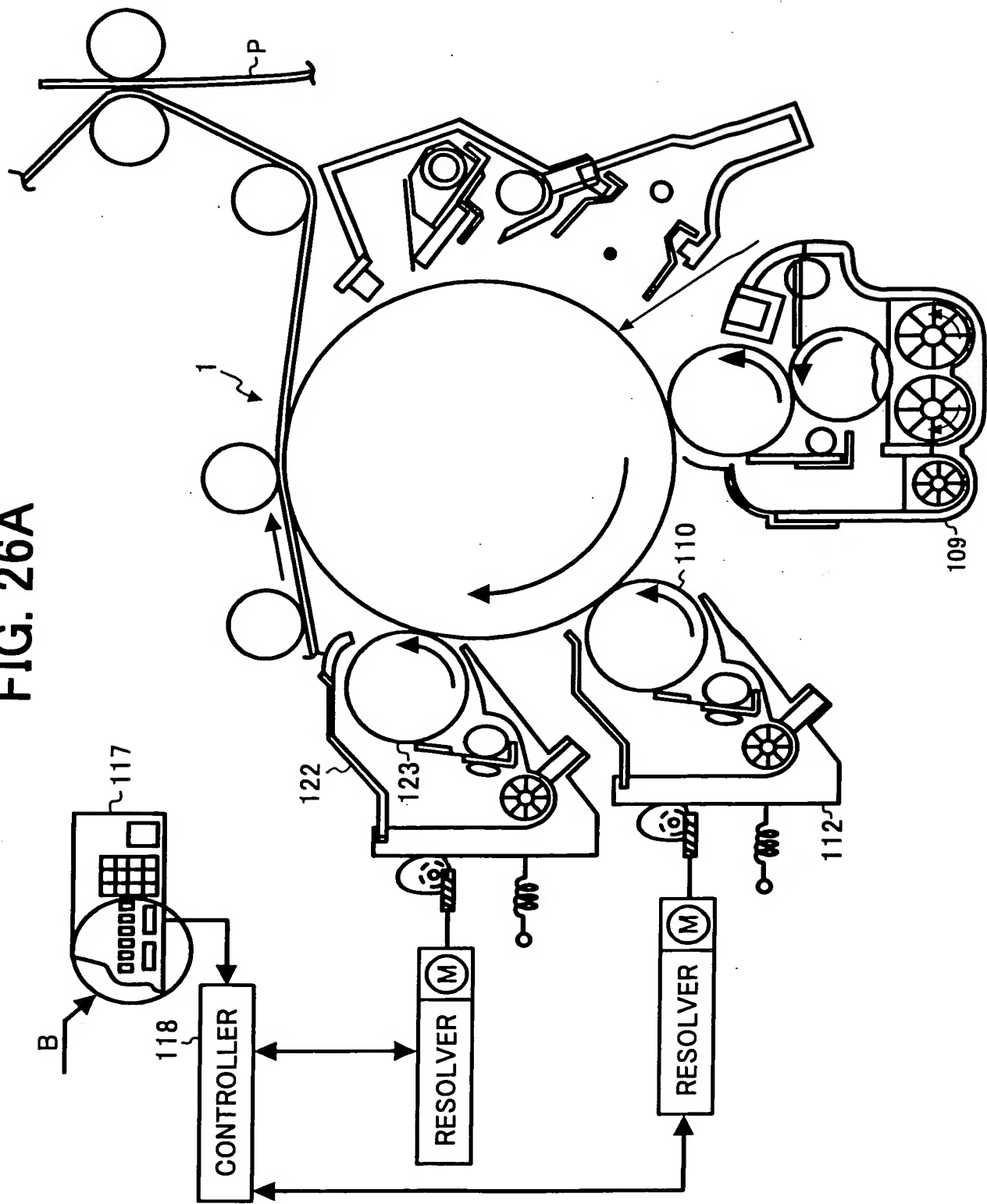


FIG. 26B

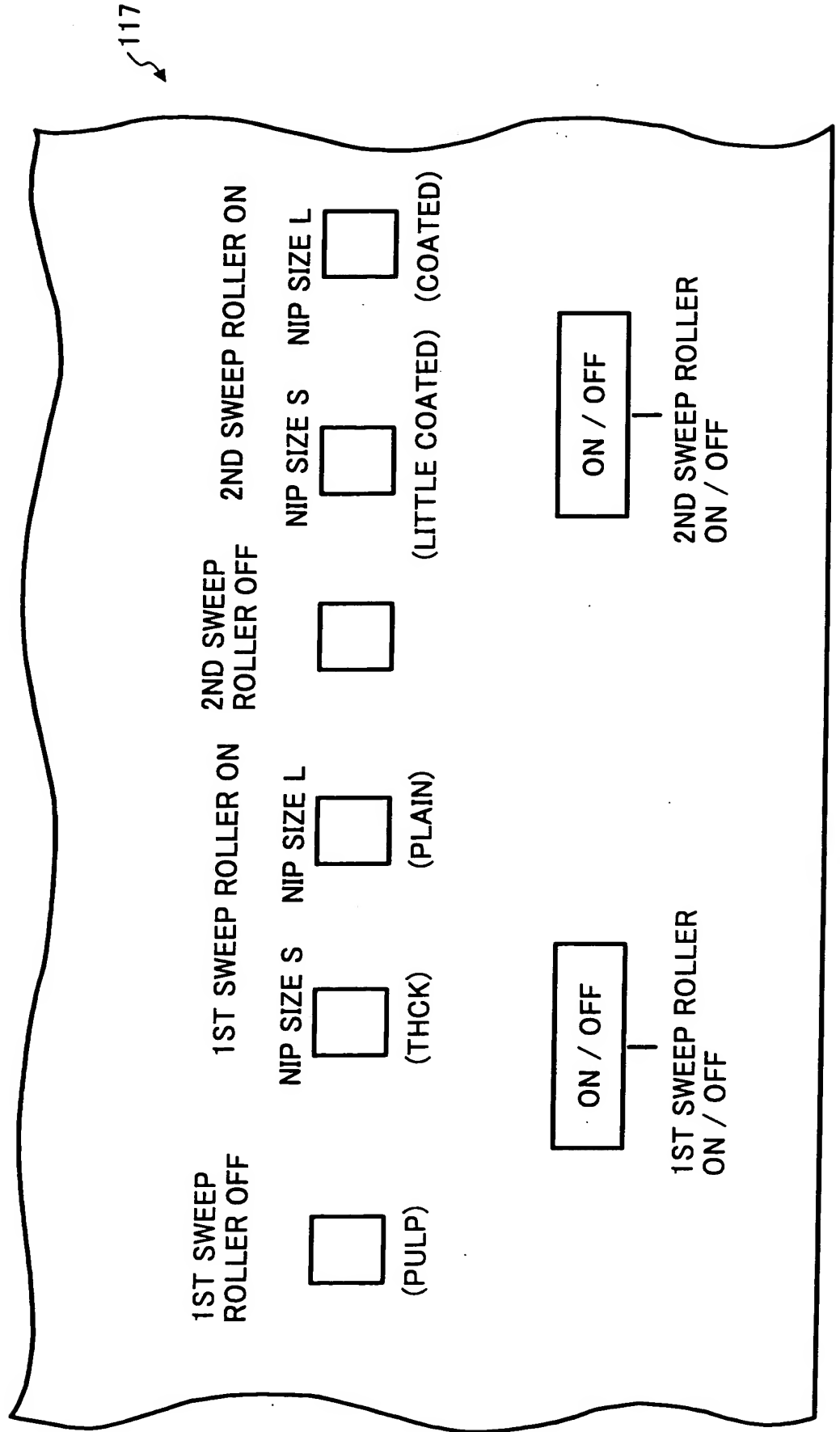




FIG. 28

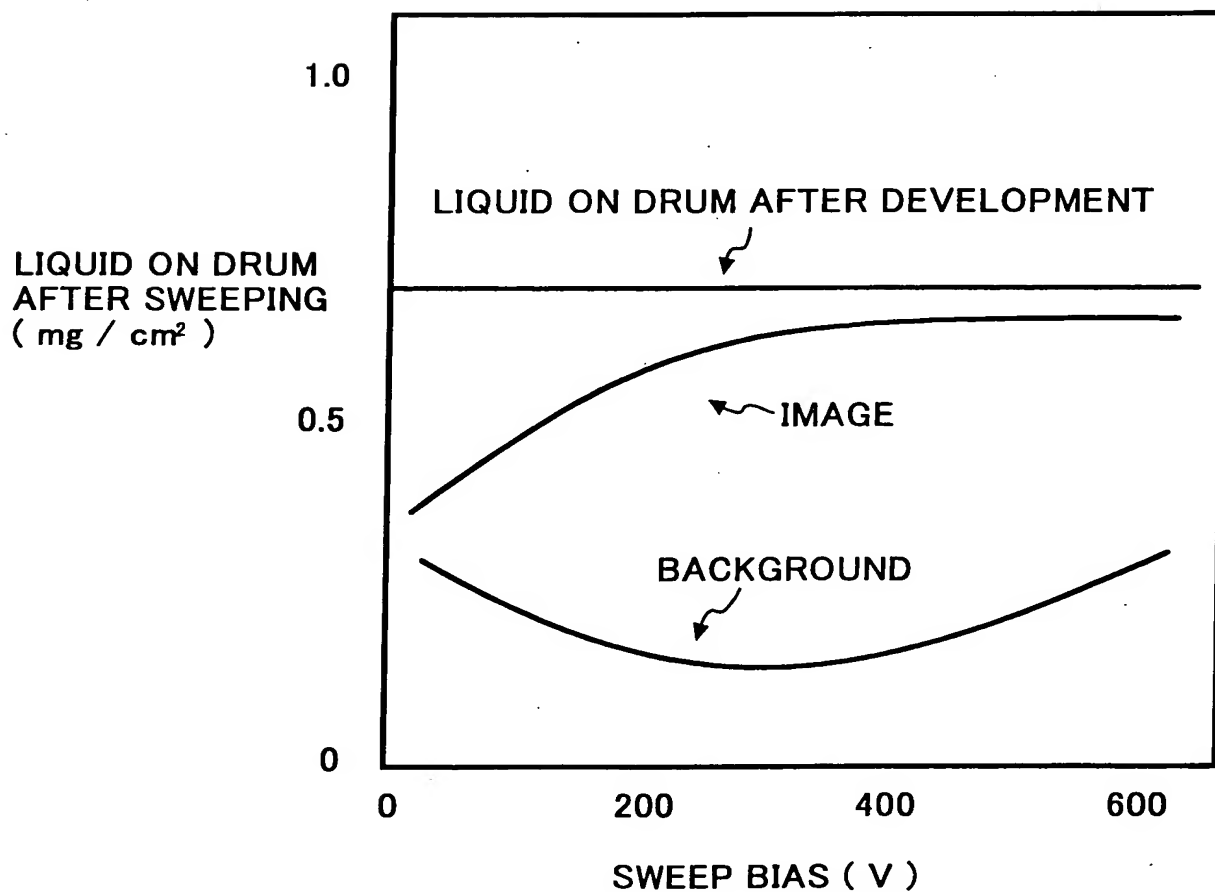


FIG. 29

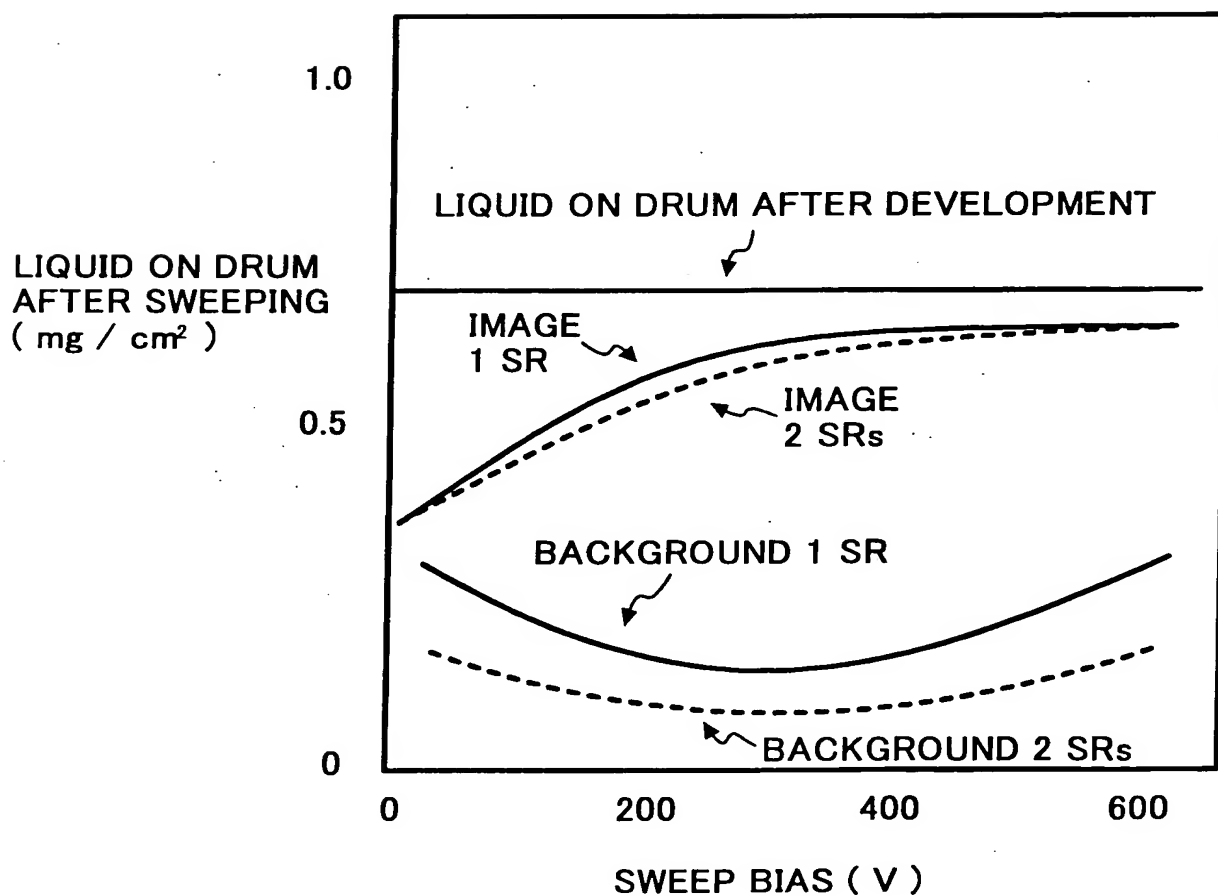


FIG. 30

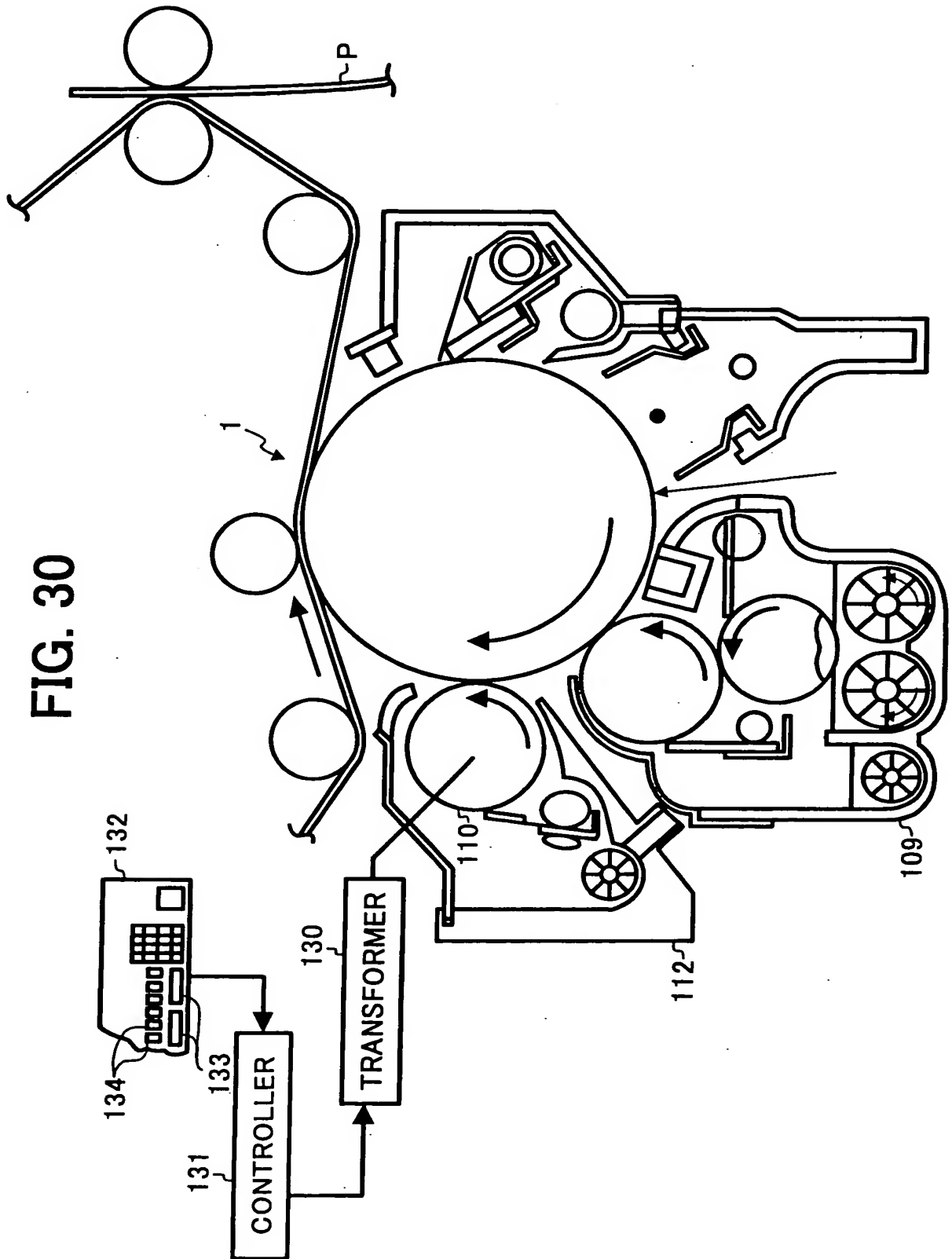
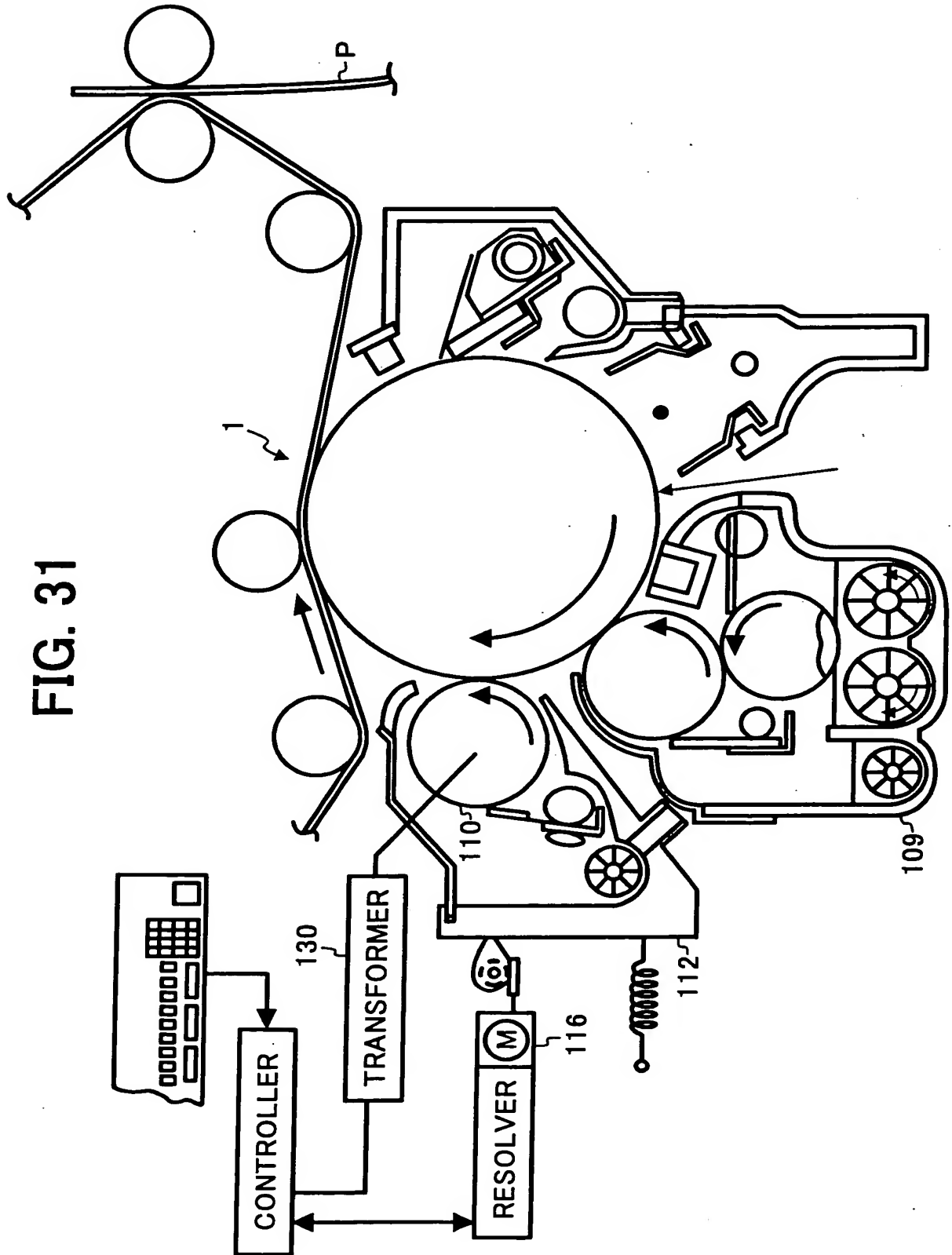


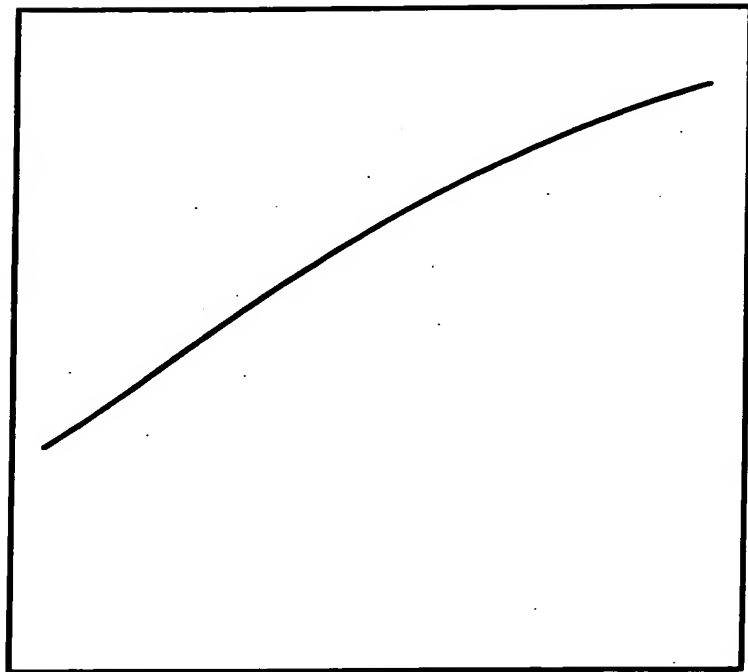


FIG. 31



**FIG. 32**

LIQUID ON DRUM  
AFTER SWEEPING  
( mg / cm<sup>2</sup> )



LIQUID ON SWEEP ROLLER ( mg / cm<sup>2</sup> )

FIG. 33A

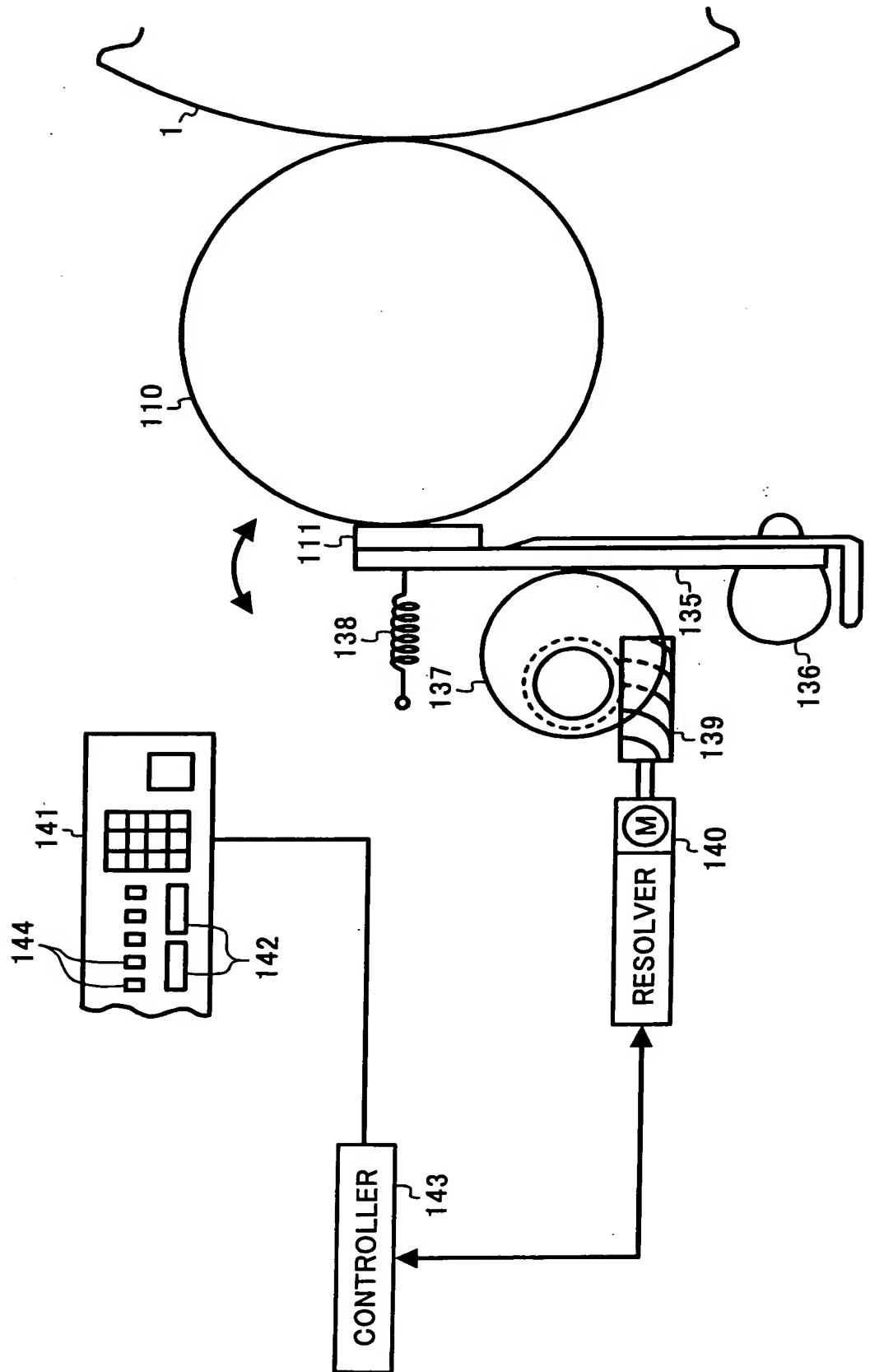


FIG. 33B

